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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Masashi TAKADA
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	31869-230501

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	JP 2002-526961	08/20/2002	House Ear Institute		
	BB	WO 00/19605	04/06/2000	House Ear Institute		
	BC	JP 10-501951	02/17/1998	Philips Electronics N.V.		
	BD	WO 96/32776	10/17/1996	Philips Electronics N.V.		
	BE	JP 2002094419 A	03/29/2002	Toshiba Corp.		✓
	BF	JP 01198154 A	08/09/1989	Oki Electric Ind. Co. Ltd.		✓

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author ( in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Hideki NOMOTO et al. - "A Study on the Bias Compensation and Variable Step Size Algorithms for the Filtered-X"; Technical Report Of IEICE., DSP 97-14, May 1997, pp. 47-54.	

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